



NEW

Jack of Hearts

See page 8

2022 WHOLESALE CATALOG

Johnnyseeds.com

1-877-564-6697

Why Buy Industry Standard Varieties from Us



Farmers who are producing seed for us as a portion of their business do so because they know that quality seed results in a quality end product. They care about seed conservation and biodiversity, and recognize the importance of keeping seed varieties available.



All of our seed productions are rogued at every stage of growth (versus multiplication). Every row of every field is physically walked with a watchful eye for off-types, which are then removed. Grow-outs and trials are performed to ensure that we maintain the highest quality strains on the market.



In addition to the productions that are done on the Johnny's research farm in Maine, we partner with a number of other producers who share our core values and are considered part of the Johnny's family. We work with them through crop failures, equipment upgrades, and QA testing to help them develop as a producer of our seeds.

"Johnny's is a WONDERFUL company to work with, always providing quality seed with outstanding customer service for our commercial growers!"

Jennifer Manganiello from Jenny Seeds, LLC
Palm City, Florida, U.S.

100% GUARANTEED

We want you, our customer to be 100% satisfied with all our seeds, tools, and supplies. If anything purchased from us proves unsatisfactory, we will either replace the item or refund the purchase price. **DISCLAIMER OF GUARANTEE (WARRANTY)** No other express Guarantee or Warranty is made in respect thereof. **EXCLUSIVE LIMITATION OF REMEDY FOR COMMERCIAL CUSTOMERS.** The liability of Johnny's Selected Seeds for breach of guarantee (warranty), or for any loss or damage arising out of the purchase or use of its seeds or other products, including loss or damage resulting from negligence or strict liability in tort, shall be limited to replacement of the dissatisfactory item or refund of the purchase price. Nor shall Johnny's Selected Seeds be liable for any incidental or consequential loss or damage, including any loss or damage resulting from negligence or strict liability in tort. Claims for defects in Johnny's Selected Seeds' products must be presented to Johnny's Selected Seeds as soon as practicable, and in any event, within 30 days of discovery.

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Cucumbers

Cool Customer 3449G

55 days. *Cucumis sativus*

Improved pickler selected for organic growers.

A rugged organic pickler that produces uniform yields of attractive, blocky fruits with small seed cavities and exceptional crunch and flavor. Vigorous plants produce 10–13 cm fruits over a long harvest period and are tough enough to withstand the pressures of organic growing conditions. Resilient vines hold up to late-season stress and disease much longer than many similar varieties.

Bred by Dr. John Navazio at Johnny's. 

“Truly a superior pickling cucumber, with beautiful, uniform, blocky fruit.”

Dr. John Navazio *Johnny's Plant Breeder*

Cucumber Resistance Codes

HR = High Resistance IR = Intermediate Resistance

(ALS)	Angular Leaf Spot
(CVYV)	Cucumber Vein Yellowing Virus
(PM)	Powdery Mildew
(S)	Scab



Cool Customer




Salt and Pepper

Pickling

Salt and Pepper 2524G

49 days. (IR: ALS, PM.) *Cucumis sativus*

Organic, white-skinned pickling cucumber with powdery mildew resistance. Compared to Miniature White (which it replaced) and Boothby's Blonde, the 7.5–13 cm fruits are similar in size, with improved flavor and disease resistance. Black spines. Bred by Jason Cavatorta and Molly Jahn, Cornell University. 




Diva

Seedless and Thin-Skinned

Diva 2198T & 2198

58 days. (HR: S. IR: CVYV, PM.) *Cucumis sativus*

Especially flavorful when harvested small. Diva's seedless, thin-skinned cukes are distinctly crisp, sweet, and bitter-free. Adapted to open-field production and protected cropping. Harvest at 13–18 cm. Parthenocarpic. AAS winner. Select treated or untreated seeds. 

Corn




Double Standard

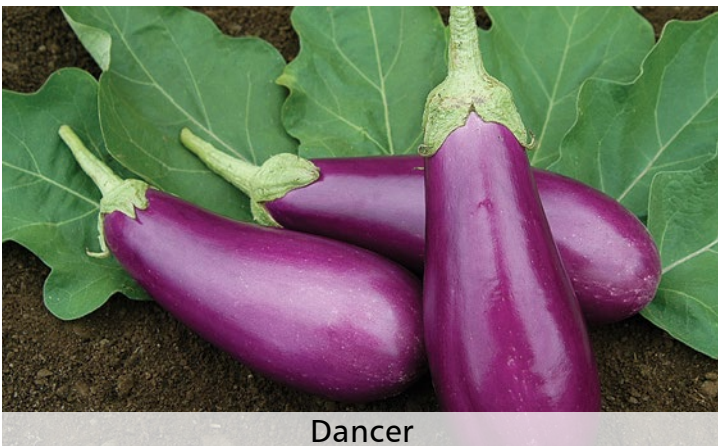
Old-Fashioned Sweet Corn

Double Standard 289G

73 days. (su) *Zea mays*

Open-pollinated, bicolor sweet corn. Early maturing, with strong germination in cool soil. We developed this hardy corn for northern home gardeners, especially seed-saving enthusiasts. It is based on a nice yellow corn called Burnell that was grown in Maine in the early 1900's and an early white heirloom from New York's St. Lawrence Valley. Nice-sized, 17.8 cm ears with yellow and white kernels, some ears with yellow kernels only. Unlike the seeds of hybrid bicolor corn, which are all yellow, these are yellow and white. If desired, you can have early, all-white corn simply by planting only white kernels. Excellent traditional corn taste. Vigorous 1.5 m plants. 

Eggplant



Dancer

Dancer (F1) 2820

65 days. *Solanum melongena*

Deep pink Italian type. Semi-cylindrical fruits are mid-sized (18–20 cm long by 7.5–10 cm diameter), mild, and nonbitter. Plants are strong and high yielding. Popular in Puerto Rico. Green calyx.

Peppers

Bell

Sweet Sunrise (F1) 3027G

65 days green; 85 days yellow ripe. *Capsicum annuum*

Blocky, dark green fruit ripens to yellow/orange.

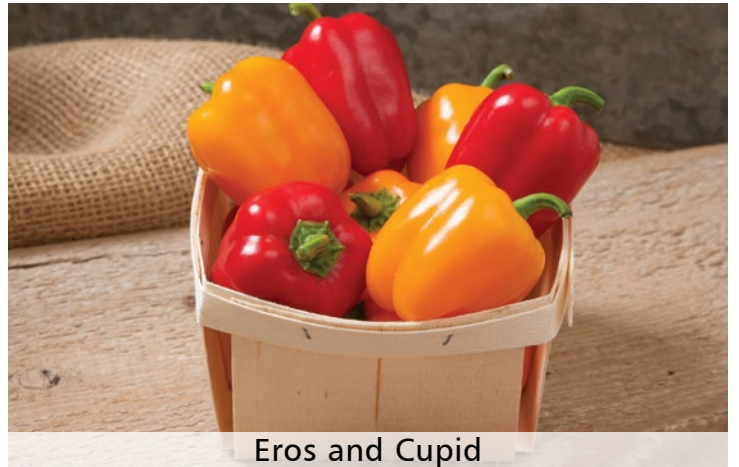
Medium-large 3- and 4-lobed fruits are blocky to slightly elongated. The flavor is both fruity and sweet.

A few days earlier than Flavorburst, Sweet Sunrise has a sturdier,

medium-sized plant with better leaf cover. Yields well and fruits ripen early, even in the North. Bred by Janika Eckert.



Sweet Sunrise



Eros and Cupid

Mini Bell


Eros (F1) 3124G

55 days green; 75 days yellow ripe. *Capsicum annuum*

Early, golden yellow mini bell. The perfect partner to Cupid, Eros' slightly tapered fruits are the same size, avg. 5 cm x 4.5 cm, with a sweet and slightly fruity flavor. The large, sturdy, and leafy plants protect fruits from sunscald. Bred by Janika Eckert. 


Cupid (F1) 3026G

55 days green; 75 days red ripe. *Capsicum annuum*

Early, sweet, mini bell. Fruits are blocky to slightly pointed, avg. 5 cm x 4.5 cm, and are particularly sweet when red. Large, well-branched plants protect the fruits from sunscald. Bred by Janika Eckert. 

Lunchbox Peppers

Capsicum annuum

The perfect snack. Our beautiful, mini-size Lunchbox peppers are remarkably sweet and flavorful. Delicious sautéed, as an addition to salads, and perfect for a healthy snack. All three varieties have tall, strong plants that yield well for snack-type peppers. Grow and sell them individually or as mixed colors loose or in clamshells. Bred by Janika Eckert. NOTE: Lunchbox Red has smaller fruits than the other varieties. 

Lunchbox Orange 3030G

60 days green; 80 days orange ripe.
6.4–7.5 cm long x 3.8 cm wide.

Lunchbox Red 3032G

55 days green; 75 days red ripe.
5–6 cm long x 2.5 cm wide.

Lunchbox Yellow 3031G

63 days green; 83 days yellow ripe.
6.4–7.5 cm long x 3.8 cm wide.

Lunchbox Pepper Mix 3515G

55–63 days green; 75–83 days color.
All three colors in one mix.




Lunchbox Peppers



Glow

Glow (F1) 3923G

53 days green; 73 days orange ripe. *Capsicum annuum*

Bright orange and easy to grow. The attractive, 2 to 3-lobed fruits are tapered, thick-walled, and 10–12 cm long. Remarkably sweet, fruity flavor. Early maturing, medium-size plants. Good yields, even in challenging climates. Bred by Janika Eckert. 

Our Breeding Commitment to You

"We strive to create products with good flavor that yield dependably year after year under adverse conditions with reduced labor needs. Our breeding targets crops that deliver products for growers year-round, either fresh from the field, overwintered, or after months in storage, consistently providing the quality you need and expect. The products we create then compete with those offered by our cooperators around the world in our product trials. It takes years of selection under these conditions, requiring patience and resilience. Our breeding commitment, and passion, is to create these products that help make your business thrive."

Kevin Cook, PhD

Johnny's Vice President of Research & Development





Corno di Toros



Read more about Corno di Toros

Cornitos

Half-size Corno di Toros with full-size flavor. A popular class of peppers, cornitos are 2.5–3.8 cm wide at the shoulders and 12.7 cm long. They are exceptionally sweet and attractive smaller versions of Carmen and Escamillo, with similar maturity. Perfect for grilling and roasting. Productive plants.

Cornito Arancia (F1) 4200G

60 days green; 80 days orange ripe. *Capsicum annuum*
Bred by Janika Eckert and Emily Rose Haga. **OG**

Cornito Giallo (F1) 3986G

55 days green; 75 days yellow ripe. *Capsicum annuum*
Bred by Janika Eckert. AAS winner. **OG**

Cornito Rosso (F1) 3128G

60 days green; 80 days red ripe. *Capsicum annuum*
Bred by Janika Eckert. **OG**

Escamillo (F1) 3125G

60 days green; 80 days yellow ripe. *Capsicum annuum*
Delicious yellow Italian frying pepper. Intoxicating sweetness any way it is prepared, but traditionally used for frying. Broad-shouldered with an attractive taper. Fruits avg. 15 cm L x 5–6.4 cm W. Bred by Janika Eckert. AAS winner. **OG**

Carmen (F1) 2993G **OG** & 2993

60 days green; 80 days red ripe. *Capsicum annuum*
Best-tasting sweet Italian frying pepper. A high-performing rendition of the classic Corno di Toro (or "Bull's Horn") pepper popular in Italy. Early, adaptable, and notably sweet (especially when fully red-ripe) with a shapely tapered silhouette. Excellent roasted, grilled, and in salads. Tapered fruits avg. 15 cm L x 6.4 cm W, 142 gm, and ripen from green to deep carmine red. Upright, medium-size plant. Suitable for indoor and outdoor growing. Bred by Janika Eckert. AAS winner. Select organic or conventional seed. **i**



Padron

Hot Specialty

Padron 666G

60 days. *Capsicum annuum*
Famous Spanish heirloom. Named after the town where they originated. Harvest Padron peppers when they are 2.5–3.8 cm long. About 1 out of 20 fruits will be hot, and the rest mild. All the fruits become hot if allowed to grow 5–7.5 cm long. Padrons are served sautéed in olive oil with a little sea salt, and eaten as tapas (appetizers) in Spain. **OG** **i**

Numex Suave Orange 3024

70 days green; 90 days orange ripe.
Capsicum chinense
Habanero with just a bit of heat. Distinctive fruity flavor and aroma of a habanero with only a hint of pungency. Compared to 'Habanero', the avg. 5.7 cm fruits are slightly larger, plumper, more wrinkled, and ripen to a bright yellow-orange (contrasting Habanero's orange). The tall, strong, upright plants have a high yield potential. Relatively early for a habanero. **i**






Numex Suave Orange

Red Ember (F1) 3130G

55 days green; 75 days red ripe.

Capsicum annuum

Our most versatile and flavorful cayenne. Tremendous flavor on first bite, with warm heat that lingers. Fruits avg. 10–11.4 cm and are thick enough for a bit of crunch when eaten fresh, but thin enough to dry easily. Just enough heat to satisfy "pepper heads"—who can eat the peppers whole—but mild enough to slice thinly onto a salad. Makes excellent powder, flakes, and hot sauce. Also nice fried or in stir fries. Matures early. High-yielding plants. Bred by Janika Eckert. AAS Winner.   



Read More About Red Ember








Red Ember

Hot Paper Lantern 2343G

70 days lime green; 90 days red ripe. *Capsicum chinense*

Earlier and more productive than regular habaneros.





Magnificent, elongated and wrinkled, red, lantern-shaped fruits are 7.5–10 cm long. Early maturing for a habanero. Tall plants. Bred by Janika Eckert.     



Hot Paper Lantern




Red Flame (F1) 3025G

60 days green; 80 days red ripe. *Capsicum annuum*
















Higher-yielding 'Red Rocket' type for ristras. 15–16.5 cm long fruits dry quickly to a bright crimson for an eye-catching presentation. Sweet-hot flavor. Thin walls. Big, productive plants. Widely adapted. Bred by Janika Eckert.    

Red Rocket 2672G

55 days green; 75 days red ripe. *Capsicum annuum*

Early, quick drying for ristras. Thin-walled 13–15 cm long, attractive fruits are bright red whether fresh or dried. Flavor is sweet and hot. Matures early. High yields for an OP. Widely adapted. Bred by Rob Johnston, Jr.   

Johnny's Pepper Heat Scale

	Slightly Hot
 	Moderately Hot
  	Hot
   	Very Hot
    	Extremely Hot




Heat levels may vary slightly due to culture & environmental conditions.

Hot Southwestern

Highlander (F1) 3829G

65 days green; 85 days red ripe.

Capsicum annuum

Early and adaptable. Bred by Johnny's to have good productivity even in cooler regions where Anaheim types often are shy-yielding. Traditional, semi-flattened, mostly two-lobed fruits avg. 18 cm x 5 cm. Earlier and with longer fruits than Numex Joe E. Parker. Large, tall plants. Widely adapted. Bred by Janika Eckert.   



Highlander



Red Rocket

Pumpkins

Jack-o'-Lantern

Pumpkin Resistance Codes

HR = High Resistance IR = Intermediate Resistance

(PM) Powdery Mildew

Part #	Variety		Disease Resistance	Days	Wt. Range	Bin Count	Vine Length	Features
Small								
3571 Untreated	Gumdrop PMR (F1) ⓘ	<i>Cucurbita pepo</i>	IR: PM.	100	5–6 kg.	N/A	Short	A different take on the small jack. Gumdrop gets your attention with rich orange color, a whimsical shape, and a big, sturdy handle. Ideal size for kids. Grower-friendly with a short vine and intermediate resistance to powdery mildew. Our thanks to UNH for their help in developing this variety.
4421 Untreated	NEW Jack of Hearts (F1) ⓘ	<i>Cucurbita pepo</i>	IR: PM.	100	2.5–3 kg.	N/A	Short	Great for kids and U-Pick farms. Outstanding color and an intriguing handle style will have specialty pumpkin growers betting big on the Jack of Hearts. Strong powdery mildew resistance keeps the stem nice and dark for a beautiful contrast with the bright orange skin. An excellent choice for mixed fall displays. Bred by Dr. Lindsay Wyatt at Johnny's. Our thanks to UNH for their help in developing this variety.
Medium								
4422 Untreated	NEW Duchess (F1) ⓘ	<i>Cucurbita pepo</i>	IR: PM.	100	8.6–9.5 kg.	30–40	Short	Lovely double-ribbed appearance. Duchess first caught our attention in our breeding nursery with her striking deep ribs, which create a stunning visual effect in the afternoon glow of fall. Further trials would then reveal Duchess to be more than just a pretty pumpkin. Each year, Duchess has impressed with big yields, consistent quality, and strong powdery mildew resistance. Has the predictability and low cull rates of Renegade PMR in a larger size and unique new look. Bred by Dr. Lindsay Wyatt at Johnny's. Our thanks to UNH for their help in developing this variety.
2163G OG 2163T Treated 2163 Untreated	Racer (F1) ⓘ	<i>Cucurbita pepo</i>	—	85	5–7 kg.	50–60	Medium	Speedy ripening helps Racer avoid disease pressure. Blocky, heavy, midsize pumpkin with slightly flattened shape, great-looking rib, and strong, dark green handle. Highly productive, vigorous, short vines. Our thanks to the Univ. of New Hampshire for their help in developing this variety, which combines parentage from UNH and Johnny's.
2602T Treated 2602 Untreated	Racer Plus (F1) ⓘ	<i>Cucurbita pepo</i>	—	85	6–8 kg.	40–50	Short	Blocky and well-ribbed. Bred by Johnny's with good color and a long, thick, healthy handle. Vigorous vines. Runs somewhat larger than Racer. Our thanks to the UNH and Cornell for their help in developing this variety.
3437T Treated 3437 Untreated	Renegade PMR (F1)	<i>Cucurbita pepo</i>	IR: PM.	95	6–8 kg.	40–50	Medium	Highly uniform with few culls. Striking, rich orange fruits are thick-walled and blocky round. Improved PM resistance over Rival. Strong handle. Consistently high marketable yields and very few culls. Ideal for wholesale and roadside stands. Bred by Dr. Brent Loy of UNH.
Large								
3978T Treated 3978 Untreated	Cargo PMR (F1) ⓘ	<i>Cucurbita pepo</i>	IR: PM.	100	9–11 kg.	30	Short	A robust hybrid with strong handles and beautiful color. A perfect medium- to large-size jack-o'-lantern. Cargo has intermediate resistance to powdery mildew to help ensure that your crop will develop to full maturity with strong, green handles. Our thanks to UNH for their help in developing this variety.
2601T Treated 2601 Untreated	Champion (F1) ⓘ	<i>Cucurbita pepo</i>	—	95	13–18 kg.	25	Medium	Big jack-o'-lantern with early maturity. This well-ribbed pumpkin has an upright shape. Thick, medium-length handle and vigorous vines. Our thanks to the UNH for their help in developing this variety.
2261T Treated 2261 Untreated	Expert (F1) ⓘ	<i>Cucurbita pepo</i>	—	98	10–14 kg.	30	Long	A beauty in the Howden class. Blocky, upright, medium-large jack with deep-orange color and big, dark green handles.
4027T Treated 4027 Untreated	Igor (F1) ⓘ	<i>Cucurbita pepo</i>	—	100	11–16 kg.	25	Medium	We've created a monster! The perfect Halloween jack for attracting attention, whether at the farm stand or the front door. Tall and lurking, Igor is very uniform in size, shape, and menace. Dark orange skin, deep ribs, and a pronounced shoulder create a foreboding look, while a strong handle carries the weight well. Bred by Dr. Lindsay Wyatt at Johnny's.



Duchess



Gumdrop PMR



Jack of Hearts



Racer



Racer Plus



Renegade PMR



Cargo PMR



Champion



Expert



Igor

Specialty




Pipsqueak PMR



Polar Bear

Pipsqueak PMR (F1) 4019

100 days. (IR: PM.) *Cucurbita pepo*

Tall tabletop pumpkin with wild handles. Pipsqueak PMR is a 2–4 kg productive, upright small pumpkin with long, curling handles. Unique shape with vivid orange color and strong, dark green handles. Our thanks to UNH and Cornell for their role in developing this variety. Bred by Dr. Lindsay Wyatt and Rob Johnston, Jr. 


Polar Bear (F1) 2504T & 2504

100 days. *Cucurbita maxima*


Extra-large white pumpkin. Retains its color after maturity in the field, at market, and in displays. Long, vigorous vines produce fruit typically weighing 13–29 kg. Select treated or untreated seeds. 

Cinnamon Girl PMR (F1) 3996G

85 days. (IR: PM.) *Cucurbita pepo*

Beautiful 1–2 kg ornamental with excellent eating quality. Used for pie filling, in bread, or in any other pumpkin recipes. It also makes an excellent small ornamental. Moderate resistance to powdery mildew. 

Baby Bear 600T & 600 105 days. *Cucurbita pepo*

Unique size and shape. Deep orange, 0.7–1 kg fruits are about half the size of a normal pie pumpkin. With slender, sturdy, easy-to-grip handles. The flesh is good for pies and the semi-hulless seeds are good for roasted snacks. High yield potential. Superior storage quality. AAS winner. Select treated or untreated seeds. 



Cinnamon Girl PMR



Baby Bear

Summer Squash




Goldfinch

Yellow Summer


Goldfinch (F1) 4600G

50 days. *Cucurbita pepo*

Convenient open habit. Excellent early, steady yields of beautiful, tender yellow squash perched on a long, central stem. The open plant habit and medium spines make for easier harvests. Bred by Dr. Lindsay Wyatt at Johnny's. 


Tempest (F1) 3256G

54 days. *Cucurbita pepo*

Outstanding culinary quality. Yellow crookneck with vibrant color, gourmet flavor, and distinctive ridges and subtle striping. Tempest's 10–18 cm fruits have a rich, nutty flavor and pleasantly firm texture. It retains its shape, texture, and color through a multitude of cooking applications. Features an open habit and soft spines for easy harvest. 

Zephyr (F1) 2217

54 days. *Cucurbita pepo*

Unique appearance for easy recognition. Precocious, distinctive slender fruits are yellow with faint white stripes and light green blossom ends. Harvest young at 10–15 cm for unusually delicious, nutty flavor and firm texture. Big, open plant is high yielding. NOTE: Under certain stressful situations, such as hot weather, Zephyr can show some variability in the amount of green at the ends of the fruits. In addition, sometimes the first fruit on a plant will be green striped. 



Zephyr

Tempest

Winter Squash

Acorn



Read More About Starry Night PMR

Starry Night PMR (F1) 4026G

95 days. (IR: PM.) *Cucurbita pepo*

Easy to recognize for its unique, pixelated color pattern. Starry Night PMR is superior to industry-standard green acorns that typically lack flavor and shelf-life. Selected for flavor, Starry Night stays reliably smooth and sweet when stored through the New Year. The vigorous plants have intermediate powdery mildew resistance and a bush habit. Bred by Dr. Lindsay Wyatt and Rob Johnston, Jr. Avg. weight: 0.9–1.0 kg.

Honey Bear (F1) 689

85 days. (IR: PM.) *Cucurbita pepo*

Delicious small acorn. Just right for single servings when halved. Worthy of marketing by name. Semibush plant. Bred by Dr. Brent Loy at UNH. Avg. weight: 0.4–0.6 kg (500 gm.). AAS winner.

Tuffy 2054G

90 days. *Cucurbita pepo*

Best, most unique acorn for baking. Great flavor coupled with dry texture (two elements of a great squash). Thicker, sweeter, and drier flesh than other acorns. Easily identified by its attractive heavy ribbing and black-green skin. Vining plant habit. NOTE: For sweetest flavor, wait two or more weeks after harvest. Avg. weight: 0.9 kg.

Tiptop PMR (F1) 2269G & 2269

92 days. (IR: PM.) *Cucurbita pepo*

Better-tasting larger acorn. A real improvement over old standards. Holds its black-green color very well in storage. Vigorous, larger, semibush plant with later maturity. Avg. weight: 0.9–1.4 kg. Select organic or conventional seeds.

Buttercup

Bonbon (F1) 2996T & 2996

95 days. *Cucurbita maxima*

Tasty, uniform, and high yielding. Looks like the perfect buttercup squash with smooth, deep-green skin and a prominent gray "button" at the base. An improvement over the classic OP 'Buttercup (Burgess Strain)' in terms of flavor, uniformity, and yield. Avg. weight: 1.8–2.3 kg. AAS winner. Select treated or untreated seeds.

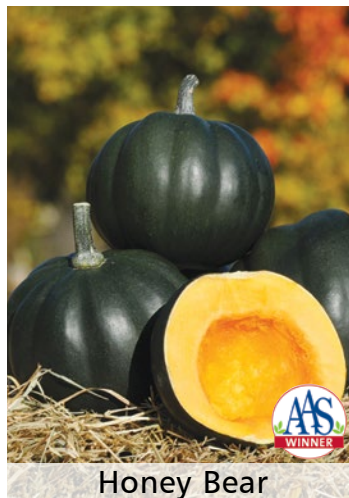
Winter Squash Resistance Codes

HR = High Resistance IR = Intermediate Resistance

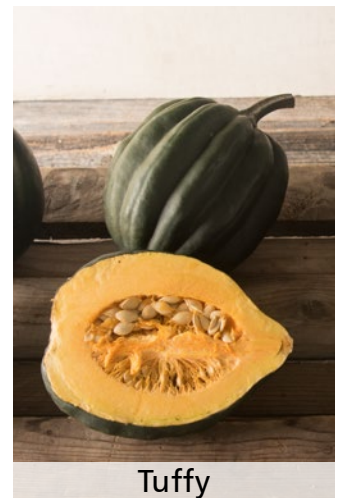
(PM) Powdery Mildew



Starry Night PMR



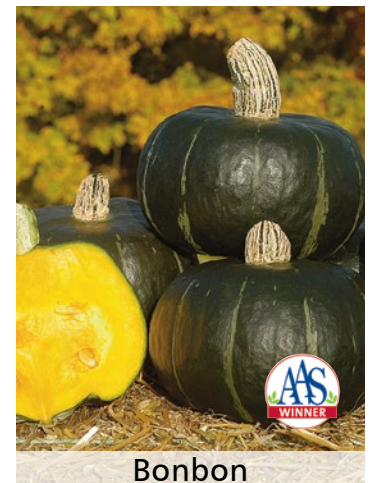
Honey Bear



Tuffy



Tiptop PMR



Bonbon



Kabocha

NEW Winter Blush (F1) 4029G

95 days. *Cucurbita maxima*

A welcome splash of color at winter markets. A beautiful complement to our mainstay kabocha, Winter Sweet, and an exceptional squash in its own right. Sweet, flaky, and delicious with long storage potential and gorgeous color. Fruits are pale pink at harvest, with variable levels of sky blue in a star shape on the blossom end which fades to solid pink in storage. Bred by Dr. Lindsay Wyatt at Johnny's. NOTE: Best eating quality 2–5 months after harvest. Avg. weight: 1.4–1.8 kg. **OG**

Sunshine (F1) 2998G OG, 2998T & 2998

95 days. *Cucurbita maxima*

Deep scarlet and delicious. Smooth, tender flesh that is sweet, bright orange, and excellent for baking, mashing, and pies. Superior appearance and eating quality when compared to other varieties of this type. Can be consumed right at maturity. Vigorous, short vine. Avg. weight: 1.4–2.3 kg. AAS winner. Select organic untreated, treated or untreated seeds. **OG**

NEW Sweet Jade (F1) 4030G

95 days. *Cucurbita maxima*

Delicious personal-size kabocha. Cute, sea-green squash sized perfectly for single servings, soup bowls, and more, with little to no wasted fruit. Great for small families and singles. With heavy yields and exceptional storage, Sweet Jade will be the next market grower and CSA favorite. Fruits are about twice the size of the Shokichi series, with very few culls. Bred by Dr. Lindsay Wyatt at Johnny's. Avg. weight: 0.5–0.9 kg. **OG**

Winter Sweet (F1) 3034G

95 days. *Cucurbita maxima*

Unparalleled eating quality and extra-long storage. A combination of sweetness, flaky texture, and depth of flavor make it a favorite. Fruits, avg. 1.8–2.3 kg, are light-gray with a charcoal mottle. Best eating quality between 2 and 5 months after harvest. **OG**

Cha-Cha (F1) 2187G

95 days. *Cucurbita maxima*

Standard kabocha bred for flavor and storage. Beautiful, bright orange flesh that cooks up dry, flaky, sweet, and delicious. Resists rotting in storage longer than most standard green kabochas. Avg. weight: 1.8–2.3 kg. **OG**



Butterscotch PMR Metro PMR JWS 6823 PMR Waldo PMR

Butternut

Butterscotch PMR (F1) 3983G **OG** & 3983

100 days. (IR: PM.) *Cucurbita moschata*

Tastiest small butternut Unusually rich, sweet, starchy flavor for a butternut type. Small, 0.5–0.9 kg fruits mature early. For 0.5 kg-sized fruits we recommend giving each plant only 0.6 sq. m. Limited storage, best up to 3 months after maturity. Short, space-saving vines resist powdery mildew. AAS winner. Select organic or conventional seeds. **i**



Read More About Butterscotch PMR

Metro PMR (F1) 2867

105 days. (IR: PM.) *Cucurbita moschata*

Exceptional flavor and storage life. Attractive, smaller butternut. Clearly smaller than Waltham, avg. 1–1.6 kg., but very similar in size, flavor, and mildew resistance to JWS 6823. Compact vine. Combines parentage from Cornell University and Johnny's. **i**

JWS 6823 PMR (F1) 2604G

100 days. (IR: PM.) *Cucurbita moschata*

Higher marketable yields per acre. Classic appearance and good mildew resistance. Higher yielding, more uniform, and shorter vines than Waltham Butternut and even Metro. The ideal choice for large plantings. Our thanks to Cornell University for their help in developing this variety. Avg. weight: 1.4–1.8 kg. **OG**

Waldo PMR (F1) 3264G **OG** & 3264

100 days. (IR: PM.) *Cucurbita moschata*

Great flavor in a larger market size. Waldo's fruits are uniform in size with rich internal and skin color. Big yields and excellent flavor. Long, vigorous vines with strong PMR. Size between JWS 6823 and Waltham; large enough for a few servings but not so big it goes to waste. Good storage life. Avg. weight: 1.4–1.8 kg. Select organic or conventional seeds. **i**

Swiss Chard



Bright Lights

Bright Lights 703D

55 days bunching. *Beta vulgaris*

The gold standard for multicolored Swiss chard.

Nicely savoyed and glossy green or bronze leaves with stems of gold, pink, orange, purple, red, and white with bright, pastel, and multicolored variations. Consistent growth rate, leaf shape and texture, and strong bolt resistance across all colors makes this a superior mix. Suitable for production year-round, but somewhat less frost-hardy than other chards. The late New Zealand amateur breeder John Eaton developed Bright Lights; Johnny's selects and maintains the different color stocks and produces the seeds. AAS winner. Decorticated (rubbed) seeds. Also available online with NOP-compliant pelleting. **i**



Bright Yellow

Bright Yellow 2205D

28 days baby; 57 days bunching. *Beta vulgaris*

Yellow stems and veins for bunching or baby leaf. Deep green, glossy leaves. Long, thick stems for bunching. Plant Variety Protected. Decorticated (rubbed), sized seeds. **i**



New Girl



Clementine



Abigail



Martha Washington



Defiant PhR

Tomatoes

Indeterminate

New Girl (F1) 2412G

62 days. (HR: F (1, 2), V.) *Solanum lycopersicum*

First early, great flavor. Fruits avg. 113–170 gm. and have better flavor and are more disease resistant than Early Girl. Widely adapted. **OG**

Clementine (F1) 3991G

68 days. (HR: F (1), V.) *Solanum lycopersicum*

Unique orange cocktail tomato. Clementine's tangerine-colored, oval-round fruits avg. 56 gm. Plants produce high yields with appealing, sweet-tart flavor. Exceptional when halved and roasted! Can be picked to ripen when shoulders are green. Balanced plant works well indoors. Crack resistant. **OG**



Watch Clementine Video

Tomato Resistance Codes

HR = High Resistance IR = Intermediate Resistance

(EB)	Early Blight
(F)	Fusarium Wilt
(LB)	Late Blight
(V)	Verticillium Wilt

Abigail (F1) 4014G

75 days. (HR: LB.) *Solanum lycopersicum*

Nearly perfect pink heirloom-type. Bred for improved fruit quality and disease tolerance, Abigail delivers significantly higher yields of 283–453 gm. marketable fruit with greatly reduced cracking and stem scarring than true heirlooms. Early maturity, late blight resistance, and a balanced plant provide even more benefits to growers. Lovely, uniform proportions at a manageable size between Damsel and Brandywine. Ribbed shoulders, meaty texture, and rich flavor evoke our favorite pink heirlooms. Exceptionally high yields recorded in multiple trial locations over several years. Our thanks to NCSU for their help in developing this variety. Bred at Johnny's by Emily Rose Haga. **OG**

Martha Washington (F1) 3818G

78 days. *Solanum lycopersicum*

Heirloom-quality pink slicer with a more reliable plant. Full flavor and soft texture reminiscent of pink heirlooms, but easier to grow under varied conditions. Globe-shaped pink fruits weigh from 227–340 gm. **OG**

Determinate

Defiant PhR (F1) 2525G



65 days. (HR: F (1,2), LB, V. IR: EB.) *Solanum lycopersicum*

Bred for earliness, disease resistance, and flavor. This mid-size slicer has high resistance to late blight and intermediate resistance to early blight combined with great flavor and early maturity. The 170–227 gm. fruit are smooth and medium-firm with good texture. Deep-red internal and external color. High-yielding, medium-size plants are widely adaptable. Defiant was traditionally bred to inherit the Ph-2 and Ph-3 major genes for late blight (*Phytophthora*) resistance. Our thanks to NCSU for their cooperation. **OG**

Cherry

Citrine (F1) 4025G

60 days. (HR: F (1, 2).) *Solanum lycopersicum*

Tantalizing, crack-resistant orange cherry. An exceptional snacker with rich, balanced flavor, a meaty bite, and resistance to the splitting and cracking common to many similar market varieties. With a vigorous indeterminate plant selected for low-input systems under heavy disease pressure, Citrine produces reliable crops in harsh conditions. Beautiful orange color and ideal cherry size (20 gm.) make it a great match for Cherry Bomb. Our thanks to NCSU for their role in developing this variety. Indeterminate.  





[Read More About Citrine](#)



Citrine

Jasper (F1) 3812G

60 days. (HR: LB. IR: EB.) *Solanum lycopersicum*



Small, deep red cherry resists late blight. Round, 7–10 gm. fruits are crack resistant, borne on small trusses, and store on the plant well, resisting cracking and rot. The texture is pleasantly chewy, and the flavor is sweet and rich. Plants are extra vigorous and tall, staying healthy for a long picking period. AAS winner. Indeterminate.  



Jasper

Cherry Bomb (F1) 3263G

64 days. (HR: F (1-3), LB. IR: EB.) *Solanum lycopersicum*

Late blight-resistant field cherry. Perfect for the organic grower who needs strong late blight protection. Vigorous plants produce high yields of uniform, vivid red fruits with ideal cherry size (15–20 gm.) for harvest and snacking. Classic cherry tomato flavor—firm, sweet, and well-balanced. Unique calyx makes an attractive display when left attached to fruit.  



[Watch Video About Cherry Bomb](#)





Cherry Bomb

Grape

Valentine (F1) 3371G

55 days. (IR: EB.) *Solanum lycopersicum*

Delicious high-lycopene grape. Massive early yields, deep red color, and unusually rich flavor. Developed in collaboration with Penn State Univ. For best flavor, harvest when fruits are deep red. Avg. weight 12–14 gm. Long shelf life. AAS winner. U.S. Patent #8,524,992. Indeterminate.  




[Read More About Valentine](#)



Valentine



Five Star Grape (F1) 2527G & 2527

62 days. *Solanum lycopersicum*

Our sweetest grape tomato. Five Star Grape has excellent, sweet flavor and firm, meaty texture with few seeds and little juice. Healthy plants bear high yields of bright red, 15–20 gm, crack-resistant grape tomatoes. Indeterminate. Select organic or conventional seeds. 

Red Pearl 97G

58 days. (IR: LB.) *Solanum lycopersicum*

Tender and nearly seedless. Fruits weigh 15-20 gm, with good flavor and a meaty texture. Resists cracking and stores well on and off the vine. Tall, healthy plants. Plant Variety Protected. Indeterminate.  



Five Star Grape



Red Pearl

Greens Mixes



Cheap Frills Mix

Cheap Frills Mix 4087

21 days. *Brassica spp.*

Our frilliest greens mix. A colorful kaleidoscope of highly textured leaves which provides visual interest and excellent loft. An exceptional combination of textures, flavors, and colors with a higher proportion of both red and green, frilled leaves.



Kalebration Kale Mix

Kalebration Kale Mix 4091

29 days. *Brassica spp.*

Gorgeous baby kale mix. A brilliant blend of rich greens and reds that shows deep color contrast in all growing slots. Striking the right balance of colors and textures, this mix can be marketed on its own or added to baby leaf lettuce. Strong regrowth allows for cut-and-come-again harvesting. Selected for baby-leaf production.

Premium Greens Mix 650

21 days. *Brassica spp.*

Dynamic range of leaf shapes and colors. An amazing palette of greens and reds in an array of leaf shapes and textures. The flavors are equally diverse: spicy to mild to slightly sweet. Includes red mustard, green mustard, Chinese cabbage, pac choi, and tatsoi.

Elegance Greens Mix 653

21 days. *Brassica spp.*

Stunning colors. Colors range from dark- and bronze-red to bluish green. The combination of flavors and textures makes this a beautiful salad. Includes pac choi, red mustard, mizuna, and leaf broccoli.

Ovation Greens Mix 2697G

21 days. *Brassica spp.*

Organic greens mix. A great combination of both mild and spicy ingredients. Includes red mustard, mizuna, tatsoi, kale, and arugula. NOTE: To increase the expression of red coloration, sow seed more sparsely. **OG**



Premium Greens Mix



Elegance Greens Mix



Ovation Greens Mix

Varieties are subject to change depending upon availability.

Lettuce Mixes



Starstruck Lettuce Mix



Five Star Greenhouse Lettuce Mix

NEW Starstruck Lettuce Mix 4462

38 days. *Lactuca sativa*

Crunchy, juicy blend. We selected crunchy and crispy types — including new, never-before-seen varieties from independent breeders — and formulated this mix to strike the right balance of color, leaf shape, and growth rate. For maximum crunch, grow from early spring to late fall. Includes red romaine, green romaine, green oakleaf, and red oakleaf lettuces. MT0-30.

Allstar Gourmet Lettuce Mix 2301 28 days. *Lactuca sativa*

Our most popular mix. A variety of colors with ruffled edges and unique leaf shapes for a balanced mix with high loft, interesting texture, good shelf life, and gourmet appearance. Includes green oakleaf, red oakleaf, green romaine, red romaine, lollo rossa, and red leaf lettuces.



Allstar Gourmet Lettuce Mix

Encore Lettuce Mix 2366G

28 days. *Lactuca sativa*

An all-organic lettuce mix. A stunning mix of different colors, shapes and textures. Similar to our popular Allstar Gourmet Mix, but organic. Includes green oakleaf, red oakleaf, green romaine, red romaine, lollo rossa, red leaf, and bibb lettuces. **OG**



Encore Lettuce Mix

Five Star Greenhouse Lettuce Mix 192

35 days. (HR: DM.) *Lactuca sativa*

Strong downy mildew resistance. The components were selected for their uniform growth rates, ability to hold their color (especially red leaf varieties) and resistance to downy mildew. Includes green oakleaf, red oakleaf, red romaine, green leaf, and red leaf lettuces. Ideal for fall and winter production under protected cover. MT0-30.

Wildfire Lettuce Mix 2850

28 days. *Lactuca sativa*

High percentage of red leaves. This blend was created for high color contrast of the darkest red varieties paired with vibrant green varieties. Includes green oakleaf, red oakleaf, green romaine, red romaine, and red leaf lettuces.



Wildfire Lettuce Mix

Varieties are subject to change depending upon availability.

Microgreen Mixes



Kalefetti Mix



Confetti Mix



Rainbow Sprinkles Mix

Kalefetti Mix 4175M

10-15 days *Brassica spp.*

Vivid kale colors. A new way for kale-lovers to get a daily dose. Colorful and nutritious mixture formulated for appearance and overall performance in microgreen production. Includes a variety of leaf types in bright green, dark green, and purple with green, pink, and purple stems. Mild kale flavor.

Confetti Mix 4119MG & 4119M

10-15 days. *Raphanus sativus*

Easy, fast, and colorful. A vibrant, mildly spicy blend of purple and green radish leaves with red, purple, and pink stems. Micro radish greens are lofty and add weight which results in a heavier bagged product. Select organic or conventional seeds.

Rainbow Sprinkles Mix 4106MG & 4106M

16-25 days. *Beta vulgaris*

A bright beet and chard mix. Offers maximum color at the micro stage. Includes both red and green, lofty leaves as well as a rainbow of stem and vein colors: bright and light pink, orange, red, and yellow. Varieties are selected for similar maturity dates and seed sizes, so trays germinate evenly. Select organic or conventional seeds.

Varieties are subject to change depending upon availability.


Spinach



Equinox

Equinox 4034G

29 days. *Spinacia oleracea*

Improved OP Bloomsdale for spring and fall. Faster growing, slower bolting, and much more uniform than Bloomsdale, which it replaced. Upright plants with fully savoyed leaves on long stems. Excels in spring and fall and can be harvested at baby leaf or full size. Bred by Dr. John Navazio at Johnny's. 

Johnny's Selected Seeds Industry Standard Productions

Part #		Vegetable Variety	Product
2535G	OG	Jerry Petersen Blue	Corn, Dry
311G	OG	Nothstine Dent	Corn, Dry
331G	OG	H-19 Little Leaf	Cucumbers
2226G	OG	Harrowsmith Select	Gourds
377G	OG	Green Wave	Greens
2378		Wrinkled Crinkled Cress	Greens
2123G	OG	Toscana	Kale
2123		Toscana	Kale
416G	OG	King Richard	Leeks
435G	OG	Buttercrunch MT0	Lettuce
444G	OG	Crispino MT0	Lettuce
423G	OG	Deer Tongue MT0	Lettuce
2716NG	OG	Flashy Trout Back	Lettuce
349G	OG	Jericho MT0	Lettuce
438G	OG	Nancy MT0	Lettuce
2208G	OG	Outredgeous MT0	Lettuce
2208N		Outredgeous	Lettuce
2234N	OG	Parris Island	Lettuce
431G	OG	Red Sails MT0	Lettuce
2233N	OG	Red Saladbowl	Lettuce
2235N	OG	Green Saladbowl	Lettuce
428G	OG	Waldmann's Dark Green MT0	Lettuce
504G	OG	New York Early	Onions
2393G	OG	Round of Hungary	Peppers
603G	OG	Howden	Pumpkins
2860		Kakai	Pumpkins
2051		Long Island Cheese	Pumpkins
592G	OG	New England Pie	Pumpkins
599G	OG	Tom Fox	Pumpkins
2185		Valenciano	Pumpkins
2783G	OG	Winter Luxury	Pumpkins
2450	OG	Yellow Crookneck	Summer Squash
676G	OG	Blue Ballet	Winter Squash
680G	OG	Blue Hubbard	Winter Squash
675G	OG	Delicata JS	Winter Squash
3836		Jester	Winter Squash
773	OG	Goldie	Husk Cherry
2075	OG	De Milpa	Tomatillo
3817G	OG	Amish Paste	Tomatoes
88G	OG	Black Cherry	Tomatoes

Part #		Vegetable Variety	Product
3814G	OG	Black Krim	Tomatoes
2971G	OG	Black Prince	Tomatoes
3517G	OG	Blush	Tomatoes
2845	OG	Brandywine	Tomatoes
821G	OG	Cherokee Green	Tomatoes
3815G	OG	German Johnson	Tomatoes
738	OG	Gold Nugget	Tomatoes
2276	OG	Green Zebra	Tomatoes
2795G	OG	Japanese Black Trifele	Tomatoes
732		Matt's Wild Cherry	Tomatoes
756	OG	Moskvich	Tomatoes
748	OG	Nepal	Tomatoes
725	OG	Oregon Spring	Tomatoes
3816G	OG	Speckled Roman	Tomatoes
2372	OG	Striped German	Tomatoes
749	OG	Valencia	Tomatoes
3811G	OG	Verona	Tomatoes
764	OG	Washington Cherry	Tomatoes
2977G	OG	White Cherry	Tomatoes
Part #		Flower & Herb Variety	Product
1700	OG	Sweet Annie	Artemisia
906		Cinnamon	Basil
2935	OG	Alpha	Calendula

Resistance Codes for Vegetables

Crop	Type	Code	English Name	Scientific Name
Cucumber	Bacteria	ALS	Angular Leaf Spot	<i>Pseudomonas syringae pv. lachrymans</i>
	Virus	CVYV	Cucumber Vein Yellowing Virus	
	Fungus	PM	Powdery Mildew	<i>Podosphaera xanthii</i>
	Fungus	S	Scab	<i>Cladosporium cucumerinum</i>
Lettuce	Water mold	DM	Downy Mildew	<i>Bremia lactucae</i>
Pumpkin	Fungus	PM	Powdery Mildew	<i>Podosphaera xanthii</i>
Squash	Fungus	PM	Powdery Mildew	<i>Podosphaera xanthii</i>
Tomato	Fungus	EB	<i>Alternaria</i> (Early) Blight	<i>Alternaria solani</i>
	Fungus	F	Fusarium Wilt	<i>Fusarium oxysporum f.sp. lycopersici</i>
	Water mold	LB	Late Blight	<i>Phytophthora infestans</i>
	Fungus	V	Verticillium Wilt	<i>Verticillium albo-atrum</i>



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